

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	45	US-6230473-\$ DID. OR US-4831809-\$. DID. OR US-4881357-\$ DID. OR US-4903460-\$ DID. OR US-4905457-\$. DID. OR US-5004356-\$ DID. OR US-5622026-\$ DID. OR US-4498274-\$. DID. OR US-4524559-\$ DID. OR US-4555895-\$ DID. OR US-5177935-\$. DID. OR US-5269119-\$ DID. OR US-5271210-\$ DID. OR US-5400569-\$. DID. OR US-5528881-\$ DID. OR US-5590509-\$ DID. OR US-5595042-\$. DID. OR US-6045919-\$ DID. OR US-6470655-\$ DID. OR US-7076930-\$. DID. OR US-4020608-\$ DID. OR US-4509314-\$ DID. OR US-4611455-\$. DID. OR US-4617782-\$ DID. OR US-4801075-\$ DID. OR US-4875329-\$. DID. OR US-5003755-\$ DID. OR US-5042230-\$ DID. OR US-5215249-\$. DID. OR US-5232148-\$ DID. OR US-5236329-\$ DID. OR US-5305580-\$. DID. OR US-5311920-\$ DID. OR US-5357731-\$ DID. OR US-5427245-\$. DID. OR US-5450975-\$ DID. OR US-5551212-\$ DID. OR US-5560377-\$. DID. OR US-5632831-\$ DID. OR US-5655682-\$ DID. OR US-5662157-\$. DID. OR US-5729957-\$ DID. OR US-5904027-\$ DID. OR US-5216404-\$. DID. OR US-4326574-\$ DID.	USPAT	OR	ON	2006/10/13 12:47
S2	5	("20020175090") or ("20040226267") or ("20050217218") or ("20060112665") or ("20060117712").PN.	US-PGPUB	OR	OFF	2006/10/13 12:48
S3	50	S1 S2	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/13 12:49
S4	6	(S1 S2) and ultrasonic\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/13 12:57

## EAST Search History

S5	1099	"53"/\$.ccls. and ultrasonic\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/13 12:57
S6	82	"53"/450,553-555.ccls. and ultrasonic\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/23 10:02
S7	0	("2002/0189206").URPN.	USPAT	OR	ON	2006/10/13 13:10
S8	4	("3651615" "3874143" "5837336" "6326069").PN.	USPAT	OR	ON	2006/10/13 13:20
S9	2	S8 and ultrasonic\$4	USPAT	OR	ON	2006/10/13 13:20
S10	32	(ultrasonic adj welding) same (ultrasonic adj cutting)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/13 13:39
S11	47	"53"/453,559,561.ccls. and ultrasonic\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/13 13:51
S12	88	156/580.1,580.2,73.1,73.3,73.4.ccls. and (ultrasonic\$4 with table)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/13 13:52
S13	6	MERKEN-SCHILLER-RICHARD\$.in,as.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/23 09:24

## EAST Search History

S14	22	EBERHARDT-STEFAN\$.in,as.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/23 09:24
S15	1	CHECHOSWKI-PAMELA\$.in,as.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/23 09:26
S16	529	MARS-INCORPORATED\$.as.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/23 09:26
S17	23	S13 S14 S15	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/23 09:27
S18	0	("2006/0117712").URPN.	USPAT	OR	ON	2006/10/23 09:29
S19	84	S16 and ultra\$5	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/23 09:45
S20	5	(("20020175090") or ("20040226267") or ("20050217218") or ("20060112665") or ("20060117712")).PN.	US-PGPUB	OR	OFF	2006/10/23 09:39

## EAST Search History

S21	45	US-6230473-.DID. OR US-4831809-.DID. OR US-4881357-.DID. OR US-4903460-.DID. OR US-4905457-.DID. OR US-5004356-.DID. OR US-5622026-.DID. OR US-4498274-.DID. OR US-4524559-.DID. OR US-4555895-.DID. OR US-5177935-.DID. OR US-5269119-.DID. OR US-5271210-.DID. OR US-5400569-.DID. OR US-5528881-.DID. OR US-5590509-.DID. OR US-5595042-.DID. OR US-6045919-.DID. OR US-6470655-.DID. OR US-7076930-.DID. OR US-4020608-.DID. OR US-4509314-.DID. OR US-4611455-.DID. OR US-4617782-.DID. OR US-4801075-.DID. OR US-4875329-.DID. OR US-5003755-.DID. OR US-5042230-.DID. OR US-5215249-.DID. OR US-5232148-.DID. OR US-5236329-.DID. OR US-5305580-.DID. OR US-5311920-.DID. OR US-5357731-.DID. OR US-5427245-.DID. OR US-5450975-.DID. OR US-5551212-.DID. OR US-5560377-.DID. OR US-5632831-.DID. OR US-5655682-.DID. OR US-5662157-.DID. OR US-5729957-.DID. OR US-5904027-.DID. OR US-5216404-.DID. OR US-4326574-.DID.	USPAT	OR	ON	2006/10/23 09:39
S22	50	S21 S20	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/23 09:39
S23	104	B29C065/74 .ipc. and ultrasonic\$	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/23 09:47
S24	11	S16 and sonotrode	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/23 09:45
S25	0	("2005/0227845").URPN.	USPAT	OR	ON	2006/10/23 09:46

## EAST Search History

S26	23	B29C065/74 .ipc. and sonotrode	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/23 09:47
S27	19	S23 and S26	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/23 09:47
S28	108	S23 S26	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/23 09:47
S29	1	2004-132784.NRAN.	DERWENT	OR	ON	2006/10/23 09:49
S30	1	2004-062277.NRAN.	DERWENT	OR	ON	2006/10/23 09:50
S32	4598	53/450,453,477,479,553-555,559,561, 329.2-329.5.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/23 10:08
S33	4598	53/450,453,477,479,553-555,559,561, 329.2-329.5.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/23 12:31
S34	227	S33 and (ultrasonic\$5 or sonotrode)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/23 12:31
S35	1770	156/580.1,580.2,73.1,73.3,73.4.ccls. and (ultrasonic\$5 or sonotrode)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/24 07:51

## EAST Search History

S36	28891	(ultrasonic\$5 or sonotrode) near (welding or sealing)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/24 07:51
S37	32395	(ultrasonic\$5 or sonotrode) near3 (welding or sealing)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/24 07:52
S38	3078	(ultrasonic\$5 or sonotrode) near3 (cutting or separating)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/24 07:52
S39	436	S37 and S38	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/24 07:52
S40	7	("20020068668"   "20030057206"   "3935810"   "5842790"   "6251203"   "6581764"   "6719678").PN. OR ("6913185").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/24 09:20
S41	8	("4517790"   "4534818"   "4767492"   "5183523"   "5775055"   "5976315"   "6139479"   "6319184").PN. OR ("6786987").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/24 09:36

## EAST Search History

S42	107	("2145941"   "3029751"   "3031804"   "3044510"   "3114643"   "3199437"   "3407077"   "3416398"   "3434906"   "3505136"   "3615712"   "3636859"   "3819089"   "3829007"   "3830944"   "3873735"   "3895118"   "3961089"   "3971838"   "4017237"   "4055109"   "4097327"   "4115489"   "4163768"   "4216639"   "4290521"   "4358466"   "4361235"   "4373982"   "4394395"   "4421773"   "4453370"   "4500280"   "4514426"   "4517790"   "4521467"   "4534726"   "4534818"   "4574566"   "4601157"   "4605123"   "4608261"   "4616470"   "4631901"   "4651870"   "4652456"   "4663915"   "4663917"   "4685602"   "4689942"   "4693056"   "4735753"   "4751916"   "4759170"   "4759249"   "4774797"   "4784591"   "4787755"   "4796300"   "4810109"   "4849233"   "4864802"   "4865680"   "4879124"   "4890439"   "4909870"   "4923701"   "4937410"   "4950859"   "5044777"   "5058364"   "5061331"   "5067302"   "5161350"   "5181365"   "5202064"   "5222813"   "5226343"   "5228372"   "5230761"   "5342634"   "5366741"   "5391387"   "5419437"   "5435712"   "5437215"   "5552165"   "5645681"   "5694745"   "5706635"   "5827559"   "5863585"   "5914142"   "RE26543").PN. OR ("6574944"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/24 09:37
S43	25	("3547257"   "4125985"   "4306656"   "4553669"   "4962856").PN. OR ("5418022").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/24 09:42
S44	35	("3598122"   "3598123"   "3731683"   "3734097"   "3742951"   "3797494"   "3948254"   "3996934"   "4264008"   "4284444"   "4304333"   "4460372"   "4588580"   "4597961"   "4666441"   "4667665"   "4686136"   "4725473"   "4743249"   "4784892"   "4823783"   "4911707"   "4915950"   "4917676"   "5016652"   "5077104").PN. OR ("5268179").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/24 09:46
S45	25	("2796033"   "2991500"   "3039246"   "3092940"   "3245197"   "3354611"   "3533215"   "3782066").PN. OR ("4704844").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/24 09:48

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S46	67	("2124959"   "3069273"   "3196590"   "3283469"   "3340668"   "3363395"   "3398500"   "3467244"   "3469364"   "3478488"   "3491504"   "3492773"   "3521422"   "3545163"   "3673760"   "3750362"   "3956867"   "4058953"   "4201030"   "4211326"   "4275544"   "4338765"   "4411122"   "4424659"   "4513015"   "4541224"   "4541225"   "4545177"   "4545180"   "4548018"   "4549386"   "4549387"   "4550548"   "4567713"   "4571924").PN. OR ("4684025").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/24 09:53
S47	35	("3415702"   "3815828"   "3942634").PN. OR ("4094119").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/24 09:55
S48	32	("3311517"   "3673760").PN. OR ("3750362").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/24 09:57
S49	33	("3749620").URPN.	USPAT	OR	ON	2006/10/24 09:58
S50	48	("0684181"   "1107347"   "2723936"   "2982659"   "2996238"   "3242029"   "3314211"   "3374598"   "3454450"   "3457139"   "3471005"   "3511746"   "3596828"   "3749620"   "4539793"   "4549653"   "4572753"   "4647325"   "4919272").PN. OR ("5181610").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/24 10:00
S51	5	("684181").URPN.	USPAT	OR	ON	2006/10/24 10:06
S52	43	("2898744"   "3022814"   "3036894"   "3146141"   "3156352"   "3224915"   "3306292"   "3345988"   "3355854").PN. OR ("3651615").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/24 10:07
S53	12	("3224915").URPN.	USPAT	OR	ON	2006/10/24 10:14
S54	56	("3481100").URPN.	USPAT	OR	ON	2006/10/24 10:15
S55	4	("3454450").URPN.	USPAT	OR	ON	2006/10/24 10:17
S56	0	("2005/0227845").URPN.	USPAT	OR	ON	2006/10/24 10:17
S57	0	("2002/0189206").URPN.	USPAT	OR	ON	2006/10/24 10:18
S58	59	("3224915"   "3711353"   "3823055"   "3980516"   "4025374"   "4268346"   "4288965"   "4373982").PN. OR ("4517790").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/24 10:23

## EAST Search History

S59	50	("2759830"   "2830910"   "2902371"   "3012894"   "3185372"   "3224574"   "3283422"   "3286831"   "3291377"   "3411433"   "3836064"   "3984592"   "4015085"   "4267420"   "4488642"   "4579278"   "4697732"   "4715500"   "4775771"   "4784864"   "4886179"   "4911938"   "4938608"   "4940867"   "5180894"   "5217768"   "5225287"   "5357086"   "5399366"   "5497913"   "5560945"   "5571627"   "5585027"   "5654075"   "5857564"   "5884763"   "5988882"   "RE20564").PN. OR ("6581764").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/24 10:26
S60	15	(US-20020189206-\$).did. or (US-5418022-\$ or US-4704844-\$ or US-4684025-\$ or US-3750362-\$ or US-3651615-\$ or US-5268179-\$ or US-4094119-\$ or US-5181610-\$ or US-3224915-\$ or US-6581764-\$).did. or (US-3481100-\$ or US-3749620-\$ or US-3454450-\$).did. or (JP-2003267322-\$).did.	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2006/10/24 10:29
S61	13	"2695483"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/24 11:24
S62	25	"4200481"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/24 11:27
S63	7	"5519983"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/24 11:28
S64	574	b65b051/22.ipc.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/25 16:53
S65	1	1985-178978.NRAN.	DERWENT	OR	ON	2006/10/26 15:24

## EAST Search History

S66	568	ultrasonic\$4 same seal\$4 same cut\$4 same separat\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/30 06:54
S67	1	1972-52786T.NRAN.	DERWENT	OR	ON	2006/10/30 07:13